

as undisturbed habitats. Whenever wetland had to be impacted, the smallest area possible was taken. Figure 4 shows the Wetlands Inventory for Farmville.

| TABLE 8                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------|
| WETLANDS IN RELATION TO PROPOSED THOROUGHFARE PLAN                                                                                                                                                                                                                                                                                                                                                                             |         |                                            |
| THOROUGHFARE                                                                                                                                                                                                                                                                                                                                                                                                                   | ACREAGE | TYPE OF WETLAND                            |
| US 258                                                                                                                                                                                                                                                                                                                                                                                                                         | 7.0     | PF01A<br>PF01C<br>PSS3C<br>PF04Bd<br>PF01A |
| Three Schools Blvd                                                                                                                                                                                                                                                                                                                                                                                                             | 2.0     | PF01C<br>PSS3C                             |
| SR 1302 Ext.                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.0     | PF01A<br>PF01C                             |
| Vines Street Ext.                                                                                                                                                                                                                                                                                                                                                                                                              | 1.0     | PF04B<br>PF01B                             |
| SR 1218 Ext.                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.0     | PF01A                                      |
| <p>P - Palustrine - vegetated wetlands (marsh, swamp)<br/> FO - Forested - dominated by large trees &gt; 6m tall<br/> SS - Scrub-Scrub - dominated by small trees &lt; 6m tall</p> <p>1 - Broad-leaved/Deciduous<br/> 3 - Broad-leaved/Evergreen<br/> 4 - Needle-leaved/Evergreen</p> <p>Water Regime      A - Temporarily Flooded<br/> Non-Tidal          B - Saturated<br/>                       C - Seasonally Flooded</p> |         |                                            |

### Soils and Geology

Soils and Geology influence highway construction. Subsurface soil, compaction, and stability are important soil conditions because flexible pavements in highway construction is used. The Farmville planning area has two main soils type. They are Norfolk-Goldsboro and Lynchburg-Rains associations. The Norfolk-Goldsboro association consists of moderately well drained to well drained soils that have a subsoil of dominantly brittle sandy clay loam and/or clay loam. On the other hand, the Lynchburg-Rains association consists of moderately well drained to poorly drained soils that have a subsoil of dominantly brittle